D HIS

(FILE 'USPAT' ENTERED AT 10:19:50 ON 26 JAN 1998)
L1   3691 S 707/CLAS
L2   156 S L1 AND CLUSTER
L3   105 S L2 AND LINK?
L4   51763 S L3 AND RECURS? OR ITERAT? OR INDIRECT
L5   46 S L3 AND L4
L6   31 S L5 AND DISPLAY
L7   15 S L6 AND ANALYZ?
L8   20 S L6 AND PATH#
L9   11 S L8 NOT L7

=> D 1-11

1. 5,634,124, May 27, 1997, Data integration by object management; Dana
Khoyi, et al., **707/103**; 395/683 :IMAGE AVAILABLE:

2. 5,623,666, Apr. 22, 1997, Distributed computing system; Robert C.
Pike, et al., **707/200** :IMAGE AVAILABLE:

3. 5,608,901, Mar. 4, 1997, Method and system for improving the
contiguity of sectors of a file; James G. Letwin, **707/205**; 364/DIG.1,
DIG.2; 395/181; 711/202 :IMAGE AVAILABLE:

4. 5,594,837, Jan. 14, 1997, Method for representation of knowledge in a
computer as a network database system; Dallas B. Noyes, 395/63, 12, 54;
707/2 :IMAGE AVAILABLE:

5. 5,548,756, Aug. 20, 1996, Object-oriented architecture for factory
floor management; Subhash B. Tantry, et al., **707/10**; 364/917.5,
918.4, 974, 974.4, 974.7, DIG.2 :IMAGE AVAILABLE:

6. 5,465,365, Nov. 7, 1995, Apparatus and methods for making a portion
of a first name space available as a portion of a second name space;
Philip S. Winterbottom, **707/101**; 364/239.9, 253, 284, DIG.1 :IMAGE
AVAILABLE:

7. 5,398,336, Mar. 14, 1995, Object-oriented architecture for factory
floor management; Subhash B. Tantry, et al., **707/103**; 364/138, 917.5,
918.4, 974, 974.4, 974.7, DIG.1, DIG.2; 395/200.31 :IMAGE AVAILABLE:

8. 5,379,366, Jan. 3, 1995, Method for representation of knowledge in a
computer.as a network database system; Dallas B. Noyes, 395/54, 11, 12,
51, 60; **707/103** :IMAGE AVAILABLE:

9. 5,371,885, Dec. 6, 1994, High performance file system; James G.
Letwin, **707/205**; 364/282.3, 283.1, DIG.1 :IMAGE AVAILABLE:

10. 5,369,778, Nov. 29, 1994, Data processor that customizes program
behavior by using a resource retrieval capability; Marc San Soucie, et
al., **707/103**; 364/942.3, 942.51, DIG.2; 395/500 :IMAGE AVAILABLE:

11. 5,206,951, Apr. 27, 1993, Integration of data between typed objects
by mutual, direct invocation between object managers corresponding to
object types; Dana Khoyi, et al., 395/683; 364/222.2, 225.8, 226.4,
228.1, 234, 236.2, 237.2, 237.3, 239, 239.3, 239.9, 248.1, 254, 254.6,
255.1, 255.8, 261, 261.3, 261.9, 280, 281.3, 281.7, 282.1, 286, 286.1,
286.2, DIG.1; **707/10** :IMAGE AVAILABLE:

D HIS

        (FILE 'USPAT' ENTERED AT 10:19:50 ON 26 JAN 1998)
L1   3691 S 707/CLAS
L2   156 S L1 AND CLUSTER
L3   105 S L2 AND LINK?
L4   51763 S L3 AND RECURS? OR ITERAT? OR INDIRECT
L5   46 S L3 AND L4
L6   31 S L5 AND DISPLAY
L7   15 S L6 AND ANALYZ?

    => D 1-15

1. 5,659,766, Aug. 19, 1997, Method and apparatus for inferring the topical content of a document based upon its lexical content without supervision; Eric Saund, et al., 704/9; **707/500** :IMAGE AVAILABLE:

2. 5,586,314, Dec. 17, 1996, Graphic information modeling and icon-based intermediate text language generation; Thomas L. Hill, et al., **707/4**; 364/280.4, 282.1, 286, DIG.1 :IMAGE AVAILABLE:

3. 5,546,517, Aug. 13, 1996, Apparatus for determining the structure of a hypermedia document using graph partitioning; Joseph W. Marks, et al., **707/501**; 345/357; 364/282.2, DIG.1 :IMAGE AVAILABLE:

4. 5,508,912, Apr. 16, 1996, Clinical database of classified out-patients for tracking primary care outcome; Barry Schneiderman, 705/3; **707/6** :IMAGE AVAILABLE:

5. 5,490,246, Feb. 6, 1996, Image generator using a graphical flow diagram with automatic generation of output windows; Daniel C. Brotsky, et al., 345/342; **707/500** :IMAGE AVAILABLE:

6. 5,442,778, Aug. 15, 1995, Scatter-gather: a **cluster**-based method and apparatus for browsing large document collections; Jan. O. Pedersen, et al., **707/5**; 364/225.6, DIG.1 :IMAGE AVAILABLE:

7. 5,418,888, May 23, 1995, System for revelance criteria management of actions and values in a rete network; John L. Alden, 395/64; 364/274, 274.2, DIG.1; 395/50, 52, 63; **707/1** :IMAGE AVAILABLE:

8. 5,386,558, Jan. 31, 1995, Method and apparatus for executing control system functions in a computer system; Craig L. Maudlin, et al., **707/104**; 364/274.2, 275.2, DIG.1; 395/10, 50, 904 :IMAGE AVAILABLE:

9. 5,371,673, Dec. 6, 1994, Information processing analysis system for sorting and scoring text; David P. Fan, 704/1; **707/531** :IMAGE AVAILABLE:

10. 5,355,474, Oct. 11, 1994, System for multilevel secure database management using a knowledge base with release-based and other security constraints for query, response and update modification; Bhavani M. Thuraisngham, et al., **707/9**; 364/274, 282.1, 283.3, 283.4, 286.4, 286.5, 286.6, DIG.1; 380/4, 25 :IMAGE AVAILABLE:

11. 5,301,350, Apr. 5, 1994, Real time storage/retrieval subsystem for document processing in banking operations; James D. Rogan, et al., 705/33; 364/225, 225.2, 225.3, 225.4, DIG.1; **707/104** :IMAGE AVAILABLE:

12. 5,170,466, Dec. ● 1992, Storage/retrieval syste● or document; James D. Rogan, et al., **707/530** :IMAGE AVAILABLE:

13. 4,989,132, Jan. 29, 1991, Object-oriented, logic, and database programming tool with garbage collection; Fredric H. Mellender, et al., 395/705; 364/274, 274.1, 280, 280.4, 281.1, 282.1, DIG.1; 395/76, 704; **707/103** :IMAGE AVAILABLE:

14. 4,868,733, Sep. 19, 1989, Document filing system with knowledge-base network of concept interconnected by generic, subsumption, and superclass relations; Hiromichi Fujisawa, et al., **707/5**; 364/274, 274.1, 274.2, 274.3, 282.1, 283.1, DIG.1; 395/1, 62 :IMAGE AVAILABLE:

15. 4,594,674, Jun. 10, 1986, Generating and storing electronic fonts; Dorothy I. Boulia, et al., 345/471; **707/542** :IMAGE AVAILABLE:

D

1. **5,544,352**, Aug. 6, 1996, Method and apparatus for indexing,
searching and displaying data; Daniel Egger, 707/5; 364/282.1, 283.3,
DIG.1 :IMAGE AVAILABLE:

=> S L14 AND LINK#
        164893 LINK#
L15   0 L14 AND LINK#

=> S L14 AND NODE#
        53797 NODE#
L16   0 L14 AND NODE#

=> S L14 AND CLUSTER
        15593 CLUSTER
L17   1 L14 AND CLUSTER

=> D KWIC
US PAT NO: **5,544,352** :IMAGE AVAILABLE:-   L17: 1 of 1

DETDESC:

DETD(112)

 53. . . . factor of each paragraph to duster the paragraphs (p) into
a group of (v) sections and create a v.times.w Preliminary **Cluster**
Word Matrix.

Hence effective priority date for claims examined
is 5/17/96